

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2004-064654

(43)Date of publication of application : 26.02.2004

(51)Int.Cl.

H04J 11/00

(21)Application number : 2002-223491

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CO LTD

(22)Date of filing : 31.07.2002

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(54) MULTI-CARRIER TRANSMISSION DEVICE AND METHOD THEREOF

(57)Abstract:

PROBLEM TO BE SOLVED: To achieve a desired transmission rate without placing a plurality of transmission antennas in some distance.

SOLUTION: A stream replicating portion 140-1 replicates as many streams #A as the transmission antennas to be outputted to an adding portion 160-1 and a delay portion 152. A stream replicating portion 140-2 replicates as many streams #B as the transmission antennas to be outputted to the adding portion 160-1 and a delay portion 154. The delay portions 152 and 154 respectively delay transmission timings of the streams #A and #B by delay time determined by a delay time determining portion 158. At this time, the delay times of the streams #A and #B determined by the delay time determining portion 158 are different from each other.

